



Docket No. 2598-4000US4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): BLUME, Arthur J.

Group Art Unit: 1642

Serial No.: 10,681,669

Examiner: TBA

Filed: October 7, 2003

For: TARGET SPECIFIC SCREENS AND THEIR USE FOR DISCOVERING SMALL
ORGANIC MOLECULAR PHARMACOPHORES

EXPRESS MAIL CERTIFICATE

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Date of Deposit: June 4, 2004

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6-7-04

IFIN

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R.

§§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application.

The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:
2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☒ Copies of the items listed on the enclosed copy of Form PTO-1449 are not enclosed with this Information Disclosure Statement and were previously cited by or submitted to the Patent and Trademark Office in the following family of applications: Serial

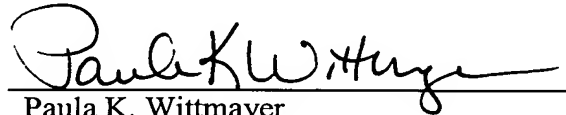
No. 09/412,831 filed October 5, 1999 (Abandoned); which is a Div of 08/473,105 filed June 7, 1995 now Pat 6,010,861 which is a CIP of 08/286,084 filed August 3, 1994 (Abandoned).

4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
- ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or
 - ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
 - ☒ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
 - ☐ 37 C.F.R. §1.97(b)(4), before the mailing date of a first office action after the filing of an RCE under §1.114.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500., Order No. 2598-4000US4. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Dated: June 4, 2004

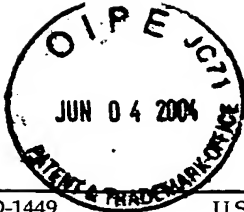
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2598-4000US4	SERIAL NO. 10/681,669
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			
		APPLICANT(S) ARTHUR J. BLUME	
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US PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,593,002	6/03/86	Dulbecco			
		4,797,363	1/10/89	Teodorescu et al.			
		4,818,684	4/4/89	Edelman et al.			
		4,859,609	8/22/89	Dull et al.			
		4,946,778	8/7/90	Ladner et al.			
		4,962,277	10/9/90	Cuervo et al.			
		4,963,263	10/16/90	Kauvar			
		5,030,576	7/9/91	Dull et al.			
		5,133,866	7/28/92	Kauvar			
		5,144,010	9/1/92	Erlanger et al.			
		5,217,869	6/8/93	Kauvar			
		5,230,998	1/27/93	Neurath et al.			
		5,264,563	11-23-93	Huse			
		5,300,425	4/5/94	Kauvar			
		5,403,484	4/4/95	Ladner et al.			
		5,418,135	3/23/95	Pang			
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		6,027,933	2/22/00	Huse			
		5,698,426	12/16/97	Huse			
		5,955,358	9/21/99	Huse			
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		5,576,423	11/19/96	Aversa et al.			
		5,591,831	01/07/97	Feldman et al.			
		5,597,920	01/28/97	Shaw et al.			
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		5,770,434	06/23/98	Huse			
		5,862,514	01/19/99	Huse et al.			
		5,871,974	02/16/99	Huse			
		5,955,358	09/21/99	Huse			
		6,027,933	02/22/00	Huse			
		4,946,778	8/7/90	Ladner et al.			
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FOREIGN PATENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0239400	30-09-87	EPO				
		0328404	16-08-89	EPO				
		0338745	25-10-89	EPO				
		0368684	16-05-90	EPO				
		0523949	20-01-93	EPO				
		0528469	24-02-93	EPO				
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			Scott, Jamie K., et al., "A Family Of Concanavalin A-Binding Peptides From A Hexapeptide Epitope Library," Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 5398-5402, June 1992.
			Smith, George P., "Surface Presentation Of Protein Epitopes using Bacteriophage Expression Systems," Biotechnology 1991, 2:668-673.
			Wells, James, et al., "Rapid Evolution Of Peptide And Protein Binding Properties <i>In Vitro</i> ," Biotechnology 1992, 3:355-362.
			Gallop et al (Journal of Medicinal Chemistry., April 29, 1994, pages 1233-1251).
			Renschler et al (PNAS., Vol. 91, pp 3623-3627, April 1994)
			Richard Gaughan in BioMedNet., pages 1-2. 24, October 2002.
EXAMINER			DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			